



Tool for Real-time Assessment
of Information Literacy Skills

CLASS REPORT

Metz Eng 1 3rd Final (15 students)

Session

Ninth Grade General Assessment 2

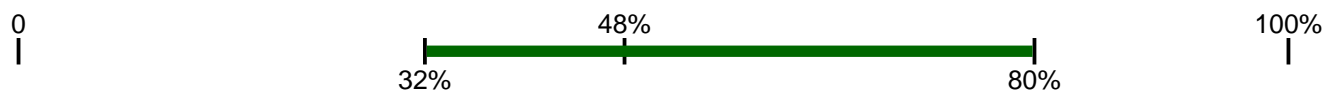
Assessment

May 3, 2013

Created

Maximum Possible Score* **25** (100%)
Range of Student Scores **8 - 20** (32% - 80%)
Mean Student Score **12** (48%)
Standard Deviation **3.64**

* Each *single-correct-response* item (question) is worth one point. Each **response** of a *multiple-correct-response* item is worth one point, because **not** checking a wrong (distractor) response is worth as much as checking a correct response. E.g., a score of zero to five is possible from a five-response, multiple-correct-response item.



Percent correct (on average) within Category:



Results are reported for each item by number and percentage of students choosing each possible response. Correct responses are in **red** and bulleted.

1. **[Develop topic]** Read the original topic and the revised topic. Is the revised topic **broader** or **narrower** than the original topic?

Initial Topic: What are the effects of plate tectonics on California?

Revised Topic: What are the effects of the 1994 earthquake on California? [CHOOSE ONE ANSWER]

8 53.3 % Broader
7 46.7 % ☐ Narrower

2. **[Develop topic]** Consider the topic below as a possible topic for a three-page research paper. Indicate whether the statement would be a **Good Topic**, a **Topic Too Broad** for this paper, or a **Topic Too Narrow** for this paper.

List the locations for voting in a small town. [CHOOSE ONE ANSWER]

4 26.7 % Good Topic
7 46.7 % Topic Too Broad
4 26.7 % ☐ Topic Too Narrow

3. [Develop topic] You have just been assigned “the influences of Roman architecture on modern American architecture” as a research topic in your art class. Which group of people could best help you narrow your topic? [CHOOSE ONE ANSWER]

1	6.7 %	Art teacher, architect, bricklayer
4	26.7 %	Interior decorator, architect, school or public librarian
8	53.3 %	<input type="radio"/> Architect, art teacher, school or public librarian
2	13.3 %	Bricklayer, interior decorator, school or public librarian

4. [Develop topic] When you research a topic, it is important to know its relationship to other concepts. Which word or phrase represents the **broadest** (most general) subject under which all of the other topics would fit? [CHOOSE ONE ANSWER]

3	20.0 %	Chickenpox
	0.0 %	Foodborne
1	6.7 %	Treatment
9	60.0 %	<input type="radio"/> Illness
	0.0 %	Waterborne
2	13.3 %	Influenza

5. [Develop topic] When students are assigned a topic, it is often quite broad. Thus, it is a student’s responsibility to focus the topic into a more manageable one.

Which of the following does not follow the pattern of broad topic (on the far left) reduced to a narrower topic (on the far right)? [CHOOSE ONE ANSWER]

3	20.0 %	<input type="radio"/> Driving while drunk--laws--support group for alcoholics
4	26.7 %	School policy--dress code--benefits of having a dress code
3	20.0 %	Sports--baseball--steroid use in Major League Baseball
5	33.3 %	Disease--cancer--leukemia

6. [Identify potential sources] If you were researching the topic of "fuel cells", which group of tools would be the most useful? [CHOOSE ONE ANSWER]

3	20.0 %	Online thesaurus such as <i>Merriam-Webster Online Thesaurus</i> and online encyclopedia such as <i>Britannica Online</i>
9	60.0 %	<input type="radio"/> Science database such as <i>Access Science</i> and an Internet search engine such as <i>Google</i>
2	13.3 %	Health science database such as <i>CINAHL</i> , online map generator such as <i>MapQuest</i>

7. [Identify potential sources] Which of the following is a characteristic of a primary source? [CHOOSE ONE ANSWER]

	0.0 %	It is created only after other trustworthy works have been consulted.
5	33.3 %	It is an interpretation or analysis of an original record.
4	26.7 %	It is peer-reviewed for historical accuracy before it is published.
6	40.0 %	<input type="radio"/> It is created by those who are involved in or observe the event.

8. **[Identify potential sources]** You just learned your favorite author has a new book out. Where could you most likely check out a copy? [CHOOSE ONE ANSWER]

	0.0 %	hospital library
14	93.3 %	<input checked="" type="radio"/> public library
	0.0 %	government library
	0.0 %	museum library

9. **[Identify potential sources]** You have chosen a project in science class that will require you to locate up-to-date facts about the planets. Which of the following resource choices would you make? [CHOOSE ONE ANSWER]

3	20.0 %	encyclopedia and world atlas
5	33.3 %	<input checked="" type="radio"/> website and almanac
1	6.7 %	science textbook and word atlas
	0.0 %	dictionary and website
4	26.7 %	bibliography and encyclopedia

10. **[Develop, use, and revise search strategies]** You must plan menus for a nutritious breakfast, lunch, and dinner for one day based on the USDA Food Pyramid. Select the correct order for these research steps:

A. Locate appropriate resources.
 B. Create a final version of the menus.
 C. Determine the focused topic of your research.
 D. Review the success of your research and final menus.
 E. Evaluate and record information from a variety of resources.
 F. Organize information and create a rough draft version of your menus. [CHOOSE ONE ANSWER]

2	13.3 %	E, F, C, A, D, B
4	26.7 %	A, E, C, F, B, D
5	33.3 %	<input checked="" type="radio"/> C, A, E, F, B, D
3	20.0 %	A, C, E, F, D, B
1	6.7 %	C, A, F, E, B, D

11. **[Develop, use, and revise search strategies]** If you wanted to find all the books written by J. K. Rowling, what type of search would you choose? [CHOOSE ONE ANSWER]

	0.0 %	title
15	100.0 %	<input checked="" type="radio"/> author
	0.0 %	subject
	0.0 %	keyword

12. **[Develop, use, and revise search strategies]** If you need to know what chapters are in a book, which part of the book provides the best information? [CHOOSE ONE ANSWER]

1	6.7 %	cover of the book
2	13.3 %	glossary
2	13.3 %	introduction
10	66.7 %	<input checked="" type="radio"/> table of contents

13. [Develop, use, and revise search strategies] If you end a search term with a special symbol, such as: child\$ or child*, you would retrieve results that contain which of the following words? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|--|
| 9 | 60.0 % | <input type="radio"/> Childhood and children |
| 4 | 26.7 % | <input type="radio"/> Chill and child |
| 2 | 13.3 % | <input type="radio"/> Children and toddlers |

14. [Develop, use, and revise search strategies] If you wanted to search for a topic that has several synonyms (for example, young people, adolescents, teenagers, teens), which search operator would you use? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|-------------------------------------|
| 5 | 33.3 % | <input type="radio"/> adj |
| 4 | 26.7 % | <input type="radio"/> and |
| 2 | 13.3 % | <input type="radio"/> near |
| 1 | 6.7 % | <input type="radio"/> not |
| 3 | 20.0 % | <input checked="" type="radio"/> or |

15. [Develop, use, and revise search strategies] Which of the following is not a search engine operator (also known as a Boolean operator)? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|---------------------------------------|
| 2 | 13.3 % | <input type="radio"/> and |
| 3 | 20.0 % | <input type="radio"/> or |
| 6 | 40.0 % | <input type="radio"/> not |
| 4 | 26.7 % | <input checked="" type="radio"/> same |

16. [Evaluate sources and information] Which of the following terms means correctness in every detail, precision, and exactness? [CHOOSE ONE ANSWER]

- | | | |
|----|--------|---|
| 1 | 6.7 % | <input type="radio"/> coverage |
| | 0.0 % | <input type="radio"/> objectivity |
| 3 | 20.0 % | <input type="radio"/> currency |
| 10 | 66.7 % | <input checked="" type="radio"/> accuracy |
| 1 | 6.7 % | <input type="radio"/> authority |

17. [Evaluate sources and information] When you are assessing a website's currency, which of the following would you **not** examine? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|--|
| 3 | 20.0 % | <input type="radio"/> The date the website was created |
| | 0.0 % | <input checked="" type="radio"/> Whether the website has information that is not mentioned on other websites |
| 3 | 20.0 % | <input type="radio"/> The date the website was updated |
| 9 | 60.0 % | <input type="radio"/> Hyperlinks to make sure they are working properly |

18. [Evaluate sources and information] When you are assessing a website's authority, which of the following would you not examine? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|--|
| 2 | 13.3 % | <input type="radio"/> The author's background and qualifications |
| 6 | 40.0 % | <input checked="" type="radio"/> The amount of information provided |
| 5 | 33.3 % | <input type="radio"/> The name and reputation of the sponsoring agency or organization |
| 2 | 13.3 % | <input type="radio"/> The domain name of the URL (ex: .edu, .com, .org) |

- 19. [Evaluate sources and information]** Being information literate means being able to identify when two or more sources agree and disagree. Read the two paragraphs below. Which paragraph discusses this information: Secondhand smoke kills people.

Author #1

The latest studies indicate that death rates for smokers are two to three times higher than for non-smokers at all ages. This means that half of all smokers will eventually die as a result of their smoking. If current smoking trends persist, nearly 9% of the world's population will eventually die as a result of tobacco.

Author #2

Many people still do not believe smoking causes serious health risks. In addition to respiratory illnesses, secondhand smoke causes 3,000 cancer fatalities each year. If people continue to smoke at the current rate, a huge number of these smokers will bring about their own death. At least five out of every ten will die. [CHOOSE ONE ANSWER]

- | | | |
|---|--------|---|
| 2 | 13.3 % | Discussed only by Author #1. |
| 9 | 60.0 % | <input checked="" type="radio"/> Discussed only by Author #2. |
| 3 | 20.0 % | Discussed by both authors. |
| 1 | 6.7 % | Discussed by neither author. |

- 20. [Evaluate sources and information]** The Cattle Producers International placed the following quote on their website:

"Mad cow disease occurs in animals located in small, defined areas. Government measures to restrict the movement of cattle or even to destroy those in a larger region are not necessary and limit farmers' freedom to make their own decisions. Farmers are able to handle problems within their own herds."

Which of the following best reflects the credibility of this source? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|--|
| 2 | 13.3 % | This is a credible source because it is from the Cattle Producers International website. |
| 5 | 33.3 % | This is a credible source because the information is written as a quote, indicating this is an expert opinion. |
| 7 | 46.7 % | <input checked="" type="radio"/> This is not a credible source because the Cattle Producers International is likely to be biased about this issue. |
| 1 | 6.7 % | This is not a credible source because it disregards government policy. |

- 21. [Recognize how to use information responsibly, ethically, and legally]** As part of a team research project for a biology class, you find an article about the effect of oil spills on marine mammals. The article is protected by copyright. Under copyright law you are allowed to make a copy of the article for your own personal use and: [CHOOSE ONE ANSWER]

- | | | |
|----|--------|--|
| 2 | 13.3 % | Make 30 copies to distribute on campus for a student group campaigning against pollution. |
| 11 | 73.3 % | <input checked="" type="radio"/> Make 4 copies for your next team member meeting. |
| 1 | 6.7 % | Make 4 copies to sell to your classmates who have offered to pay you to do their research. |

22. [Recognize how to use information responsibly, ethically, and legally] What is the best definition of freedom of speech? [CHOOSE ONE ANSWER]

- | | | |
|----|--------|---|
| 10 | 66.7 % | <input type="radio"/> the right to expression of personal views or opinions |
| 1 | 6.7 % | the prevention of cheating by students |
| 3 | 20.0 % | the method for seeking permission to share ideas publicly |
| | 0.0 % | the limiting of access to ideas and information that some people find objectionable |
| 1 | 6.7 % | the support of the Bill of Rights |

23. [Recognize how to use information responsibly, ethically, and legally] Is it legal for you to use images created by another person on your own Web page? [CHOOSE ONE ANSWER]

- | | | |
|---|--------|---|
| 6 | 40.0 % | <input type="radio"/> Yes, if the creator gives permission. |
| | 0.0 % | Yes, if you scan the image yourself. |
| 3 | 20.0 % | Yes, if you alter the image. |
| 6 | 40.0 % | No, it is not legal for you to use images created by another person on your own Web page. |

24. [Recognize how to use information responsibly, ethically, and legally] You want to include the ideas from the following quotation from the *Farm News Bulletin* in your research paper. Which of the following options below demonstrates the correct use of paraphrasing?

Citation: Helms, Martha R. "Drought Casualties." *Farm News Bulletin* 15 Aug. 2007: A4.

"The entire state of Oklahoma has not seen a drop of rain in six weeks. Fields have deep chasms in their arid soil; the mouths of these chasms gape open, begging for a drink. Farmers have lost billions of dollars worth of crops, and the lack of feed for livestock is making many more farmers nervous about the winter months." [CHOOSE ONE ANSWER]

- | | | |
|---|--------|---|
| 2 | 13.3 % | Arid Oklahoma fields have deep chasms that beg for a drink of rain. Farmers are really worried about their livestock. |
| 4 | 26.7 % | Oklahoma has not seen a drop of rain in six weeks. Farmers have lost billions of dollars worth of crops, and the lack of feed for livestock is making many more farmers nervous about the winter months. |
| 4 | 26.7 % | In Oklahoma, "farmers have lost billions of dollars worth of crops, and the lack of feed for livestock is making many more farmers nervous about the winter months" (Helms A4). |
| 5 | 33.3 % | <input type="radio"/> The lack of rain in Oklahoma the past six weeks has caused crop loss valued in the billions and has worried farmers about whether they will be able to feed their animals during the winter (Helms A4). |

25. [Recognize how to use information responsibly, ethically, and legally] You are preparing to create a bibliography for your research paper. Using information from the first page of a book as given below, which of the following is the book's title?

Three Nights in August

*Strategy, Heartbreak, and Joy Inside
the Mind of a Manager*

Buzz Bissinger

Houghton Mifflin Company

Boston *New York* 2005

- | | | |
|---|--------|--|
| 8 | 53.3 % | Three Nights in August |
| 4 | 26.7 % | <input type="radio"/> Three Nights in August: Strategy, Heartbreak, and Joy Inside the Mind of a Manager |
| 2 | 13.3 % | Buzz Bissinger |
| 1 | 6.7 % | Houghton Mifflin Company |